Java News

Release 4.0 News

- Servers can now respond to Release 4.0 style queries for
  - Properties
  - Devices
  - Alarms
  - Alarm Definitions

Release 4.0 News

- Server-side Release 4 header bug fix (Marcus Walla).
- Read Properties:
  - Map CF_TEXT to CF_BYTE and CF_BYTE to CF_TEXT if necessary (W. Gerhardt)
- Multicast Catch-22 still there: work-around does not work on Linux 2.6!
  - Turn off this feature for the moment!
    - Java servers cannot multicast their data past the first router.
    - Multicast to find the ENS cannot work!

Release 4.0 News

- Local Alarm Server
  - Use Modern (Release 4) structures
  - Calls "REMOVEALARMS" upon server start
    - Success -> CAS regards this server as important.
    - CAS read required before alarm removal.
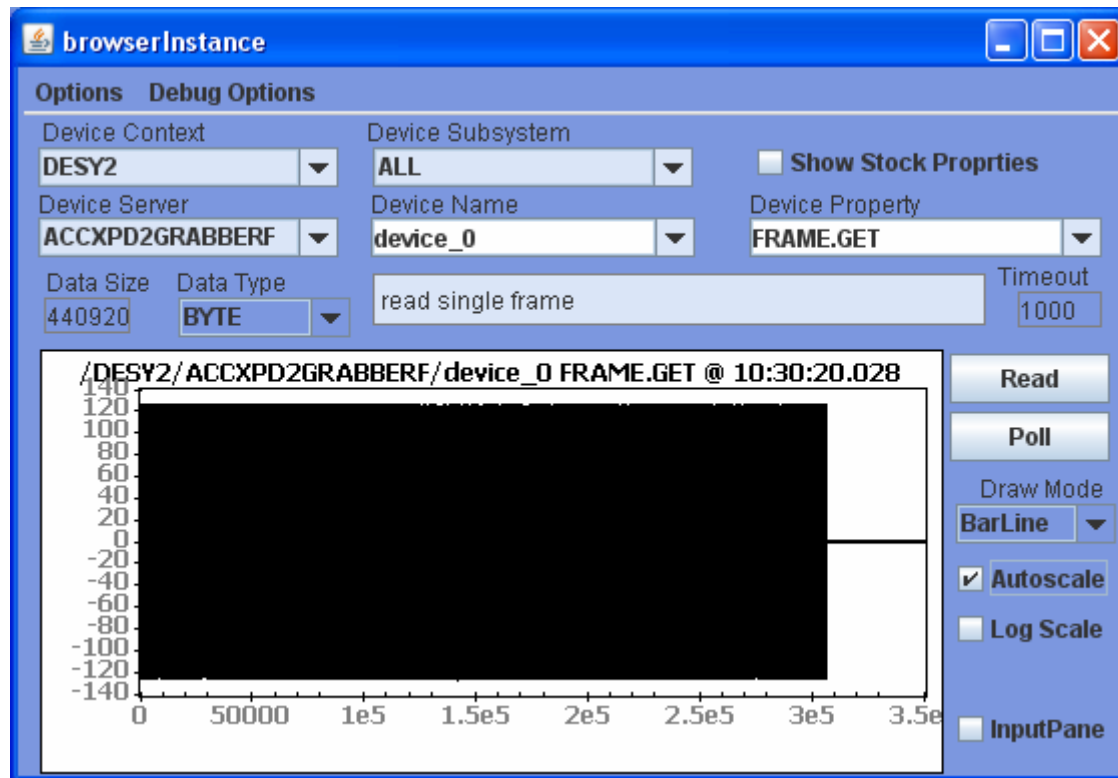
Release 4.0 News

- Next:
  - Release 4.0 multicast scheme
  - Acquire extended device name at the server
  - Integrate Bit fields
  - Assignable Local History and Alarm parameters
  - Address caching; Server manifest
  - Local History Subsystem: non-fragmented files.
  - clslog() method.

ACOP News

Plotting very inefficient for large data sets !
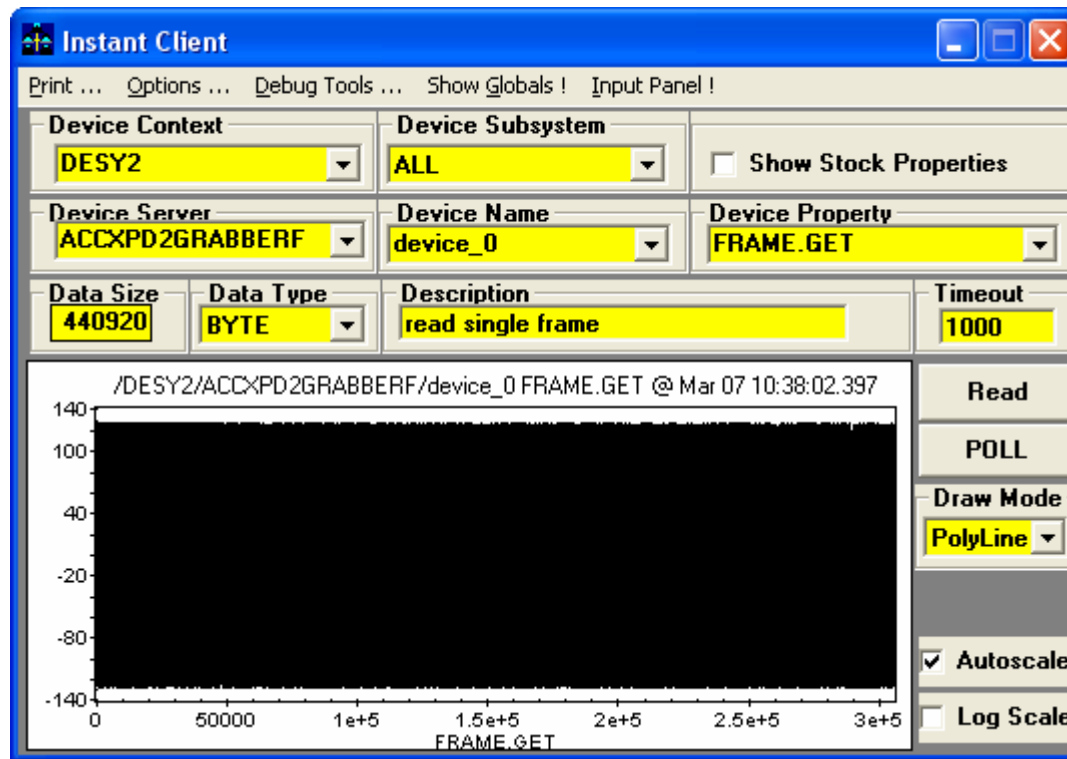
Getting .5 Mbytes takes next to no time.

Plotting .5 Mbytes takes 25 seconds !

ACOP News

Windows Comparison:

Getting and Plotting .5 Mbytes well under 1 second!

ACOP News

- How to solve this ?
  - Don't need to plot all 500000 values

Java Instant Client

- In serious need of an upgrade!
  - Use acopbeans.jar instead of acop.jar
  - Catch the 1st query timeout to a server and stop there (to avoid those infuriatingly long waits for a server that isn't there)
  - Catch run-time exception : otherwise there's a lockout.
  - Integrate latest windows client features.